
TUTBURY RURAL DISTRICT COUNCIL

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ANNUAL REPORT

of the

Medical Officer of Health

for the year 1948

by

CHARLES NIXON SMITH
M.C., M.B., Ch.B., D.P.H.

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TUTBURY RURAL DISTRICT COUNCIL

Public Health Department,
"Kingsley,"
44 Rolleston Road,
Burton-on-Trent

To the Chairman and Members of the
Tutbury Rural District Council

Mr. Chairman, Ladies and Gentlemen,

I have the honour to present my annual report for
the year 1948.

Since November 1st, 1948, the appointment of
Sanitary Inspector has been a full time one, Mr. Broad
relinquishing the appointment of Surveyor when Mr.
Peacock took up that office.

The general health of the District has been satis-
factory.

As last year, there was no case of Diphtheria
notified.

The vital statistics compare favourably with those
of England and Wales.

Progress with new houses has been made.

The Rural Housing Survey will probably be
completed early in 1949.

I have the honour to be,

Your obedient Servant,

CHARLES NIXON SMITH
Medical Officer of Health

PUBLIC HEALTH STAFF

Medical Officer of Health :—

CHARLES NIXON SMITH, M.C., M.B., Ch.B., D.P.H.
(who is also M.O.H. Rugeley Urban District and
Assistant County M.O.H.)

Sanitary Inspector :—

A. S. BROAD, Cert. R.S.I.

Assistant Sanitary Inspectors :—

G. T. W. ALLEN	}	Up to 1st November, 1948
R. BRUNNING		
R. BRUNNING		From 1st November, 1948

Temporary Housing Inspector :—

W. W. WARREN

Clerk :—

Mrs. E. M. COTTON

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in Acres	.....	.....	.....	31,708
Registrar General's estimate of Resident Population, Mid. 1948	.....	.....	.....	14,420
Number of inhabited houses, end of 1948 according to Rate Books	.....	.....	.....	4,317
Rateable Value	.....	.....	.....	£78,791
Sum represented by a penny rate			.....	£318

VITAL STATISTICS

		Total	M.	F.	Birth rate per 1,000
LIVE BIRTHS	Legitimate	270	135	135	} of estimated resid- ent population 19.3
	Illegitimate	9	5	4	
Totals		279	140	139	

STILL BIRTHS	Legitimate	9	5	4	} Rate per 1,000 total births (live and still) 31.25
	Illegitimate	0	0	0	
					} Rate per 1,000 of estimated resident population, 0.62

DEATHS	163	78	85	} Death rate per 1000 of estimated resid- ent population 11.3
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FOR ENGLAND AND WALES—Birth Rate—17.9
Still Birth Rate 0.42
Death Rate—10.8

DEATHS FROM PUERPERAL CAUSES

Puerperal Sepsis Nil
Other Puerperal Causes 2 (both Toxaemia)

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

	Total	M.	F.
Legitimate	6	2	4
Illegitimate	0	0	0
Totals	6	2	4

INFANTILE MORTALITY RATE—21.5

INFANTILE MORTALITY RATE FOR ENGLAND AND WALES

34

Deaths from Cancer (all ages)	.....	24
„ „ Measles (all ages)	.....	Nil
„ „ Whooping Cough (all ages)		1
„ „ Diarrhoea (under 2 years of age)		Nil

SECTION C

SANITARY CIRCUMSTANCES OF THE AREA**WATER.**

The greater part of the Rural District is supplied with water from the mains of the South Staffordshire Waterworks Co., and this supply has been satisfactory both in quality and quantity. No new sources of supply have been provided, but a scheme has been submitted to the County Council and the Ministry of Health under the Rural Water Supplies and Sewerage Act, 1944, to provide a public supply of water in the Parishes of Yoxall, Wychnor, Tatenhill, Dunstall, Barton under-Needwood, Hanbury, Anslow and Rolleston from the South Staffordshire Waterworks Co's. mains. The scheme has been approved by the Ministry of Health, and work has started in Hanbury Parish. Tenders have been let for the remainder of the other work.

The township of Tutbury is supplied with water from the Rural District Council's own Scheme. The supply in this case has been satisfactory as to quality, and consideration is being given to the inadequacy of the existing storage arrangements

The water at Tutbury is chlorinated as required by the Ministry of Health. Bacteriological examination and chemical analysis have been made of this water, and it was found that the Coli Aerogenes Content (presumptive Coli) was Nil per 100 ml. after 48 hours incubation at 37° Cent. The Chemical Analysis showed the water to be organically of satisfactory quality, but very hard.

The hardness before boiling was 49.7°

The hardness after boiling was 32.6°

Temporary hardness 17.1°

The number of houses in the Rural District which are supplied with water from public mains is as follows :-

PARISH	No. of houses supplied with water from public mains	Estimated population served by same
Anslow	56	217
Barton-under-Needwood	358	1418
Branston	538	1935
Dunstall	38	137
Hanbury	82	322
Outwoods	593	1837
Rolleston-on-Dove	359	1072
Stretton	564	1602
Tatenhill	Nil	Nil
Tutbury	528	1846
Wychnor	1	6
Yoxall	Nil	Nil
Totals	<u>3117</u>	<u>10392</u>

DRAINAGE AND SEWERAGE.

Sewers were laid in the new street off Mill Lane, Barton-under-Needwood, and in Dovecliffe Crescent, Stretton. Schemes are in course of preparation for new sewers in Beacon Road and Beacon Crescent, Rolleston, Holts Lane, Tutbury, and Craythorne Lane, Stretton. Messrs. Willcox, Raikes and Marshall are preparing schemes of sewerage and sewage disposal for the parishes of Yoxall, Tatenhill, Hanbury, Anslow, Rolleston and a portion of Dunstall. A scheme has been submitted to the Ministry of Health for a new sewage pumping station at the Rolleston Sewage Disposal Works.

PUBLIC CLEANSING.

The domestic scavenging scheme carried out by direct labour in the Parishes of Barton, Branston, Outwoods, Rolleston, Stretton and Tutbury continues to work most satisfactorily. A regular fortnightly collection of house refuse is made, and a weekly collection of nightsoil.

The two new "Chelsea" type S. and D. freighters previously ordered, have been received and are giving satisfaction.

Subject to sufficient and satisfactory labour being available, further extensions of the refuse scheme by direct labour may be envisaged in other Parishes.

The domestic scavenging in the Parish of Hanbury is carried out by contract, and the work has been of a satisfactory standard throughout the year.

CLOSET ACCOMMODATION.

104 privies or pan closets have been abolished and water closets substituted by owners during the year.

SMOKE ABATEMENT.

There has been one smoke nuisance during the year. Notice was served requiring the abatement of the nuisance, and no further action has been necessary.

CAMPING SITES.

There are no recognised camping sites in the District.

SWIMMING BATHS.

The only swimming bath in the district is a privately owned one in the village of Rolleston-on-Dove. This appears to be well managed and supervised.

ERADICATION OF BED BUGS.

One farm cottage was found to be heavily infested with bed bugs. The premises were sprayed thoroughly with "Zaldecide" containing 5% D.D.T.

This treatment appeared to be effective.

SECTION D

HOUSING

I. INSPECTION OF DWELLING-HOUSES DURING THE YEAR:—

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) 483

(b) Number of inspections made for the purpose 483

(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932 Nil

(b) Number of inspections made for the purpose Nil

(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation Nil

(4) Number of dwelling-houses (exclusive of those referred to in the preceding sub-head) found not to be in all respects reasonably fit for human habitation 265

2. REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES:—

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers 254

HOUSING SURVEY.

In September, 1948, Mr. W. W. Warren was appointed temporary Housing Inspector with the object of completing this survey at an early date.

643 houses were inspected and recorded to December making a total of 2268 since the Survey commenced.

70 notices were served as a result of these inspections. The work has been completed in 6 cases, and in a further 24 cases orders have been given to builders for the work to be carried out.

During the year 14 private enterprise houses were completed and occupied; 85 Council Houses were completed and 90 occupied.

SECTION E

INSPECTION AND SUPERVISION OF FOOD

MILK SUPPLY.

The cowsheds and dairies of the district have been inspected from the Sanitary Inspector's department.

Inspections of food shops in the district have been made by the Sanitary Inspector's staff. Four condemnation certificates were issued in respect of quantities of food found to be unfit for human consumption.

SECTION F

**PREVALENCE OF, AND CONTROL OVER, INFECTIOUS
AND OTHER DISEASES****INFECTIOUS DISEASES.**

Scarlet Fever has been less prevalent than in the previous year, and has been mild in type.

There has not been a case of Diphtheria or Acute Polio-myelitis.

IMMUNISATION AGAINST DIPHTHERIA

Regular sessions for this treatment have been held at the five Infant Welfare centres in the District, and schools have been visited as required.

PRIMARY IMMUNISATIONS

141 Children under five years of age were treated.

33 Children of school age were treated.

REINFORCING INJECTIONS

92 School children were treated.

DIPHTHERIA IMMUNISATION IN RELATION TO CHILD POPULATION

AS AT DECEMBER 31st, 1948

Age at 31/12/48	Under 1 1948	1 1947	2 1946	3 1945	4 1944	5 to 9 1939-1943	10 to 14 1934-1938	Total under 15
Number Immunised	4	137	123	148	169	926	909	2416
Estimated mid-year child population 1948	Children under 5							Children 5 to 14
	1264							2164
								3428

Disease	Total cases notified	Cases admitted to Hospital	Total Deaths
Scarlet Fever (Diagnosis of 2 cases changed on discharge from hospital) actual cases	28 26	10	Nil
Erysipelas	4	Nil	Nil
Pnuemonia	10	Nil	Nil
Measles	98	Nil	Nil
Whooping Cough	37	Nil	I
Ophthalmia Neonatorum	I	Nil	Nil
Puerperal Fever	I	I	Nil

ANALYSIS OF NOTIFIED CASES ACCORDING TO AGE

Disease	Under													Over 65
	1 year	1	2	3	4	5	6 to 10	11 to 15	16 to 20	21 to 35	36 to 45	46 to 65		
Scarlet Fever					4	6	11	4		1				
Erysipelas										3		1		
Pneumonia	1				2			1	1	2	1	2		
Measles	2	12	11	11	11	21	26	1		1				
Whooping Cough	1	5	2	2	7	5	13	1		1				
Puerperal Fever														
Ophthalmia														
Neonatorum	1													

TUBERCULOSIS

Cases on Tuberculosis Register, 31st December, 1948

MALES		FEMALES		TOTAL
Respiratory	Non-Respiratory	Respiratory	Non-Respiratory	
40	20	18	10	88

The total figure of 88 cases is slightly higher than that of the previous year.

New Cases and Mortality during 1948

AGE PERIODS	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	—	—	—	—	—	—	—	—
1—5	—	—	—	1	—	—	—	1
6—15	—	—	—	—	—	—	—	—
16—25	—	2	1	—	—	1	—	—
26—35	1	—	—	1	—	—	—	—
36—45	2	—	—	—	2	—	—	—
46—55	—	—	—	—	1	—	—	—
56—65	1	—	—	—	—	—	—	—
Over 65	—	—	—	—	—	—	—	—
Totals	4	2	1	2	3	1	—	1

CANCER

Deaths from Cancer for the year ended 31st December, 1948

Sex	AGE GROUPS.								Total
	Under 26	26 to 35	36 to 45	46 to 55	56 to 65	66 to 75	76 to 85	Over 85	
M	—	—	—	1	2	3	3	—	9
F	—	1	—	2	7	2	3	—	15

Causes of Death in Tutbury Rural District during the year 1948

Causes of Death		Male	Female
ALL CAUSES		78	85
1.	Typhoid and paratyphoid Fevers	—	—
2.	Cerebro-spinal Fever	—	—
3.	Scarlet Fever	—	—
4.	Whooping Cough	—	1
5.	Diphtheria	—	—
6.	Tuberculosis of respiratory system	3	1
7.	Other forms of Tuberculosis	—	1
8.	Syphilitic diseases	—	—
9.	Influenza	—	—
10.	Measles	—	—
11.	Ac: polio-myel and polio-enceph.	—	—
12.	Ac: inf: enceph	—	—
13.	Cancer of buc: Cav: and oesoph: (M)	—	—
	uterus (F)	—	2
14.	Cancer of stomach and duodenum	1	—
15.	Cancer of breast	—	3
16.	Cancer of all other sites	8	10
17.	Diabetes	1	1
18.	Intra-cranial vascular lesions	7	12
19.	Heart disease	27	26
20.	Other circulatory diseases	1	2
21.	Bronchitis	9	3
22.	Pneumonia	1	3
23.	Other respiratory diseases	2	1
24.	Ulcer of stomach or duodenum	3	—
25.	Diarrhoea (under 2 years)	—	—
26.	Appendicitis	1	—
27.	Other digestive diseases	—	—
28.	Nephritis	1	2
29.	Puerperal and post-abortion: sepsis	—	—
30.	Other maternal causes	—	2
31.	Premature birth	1	1
32.	Con: mal: birth inj: infant diseases	1	1
33.	Suicide	—	1
34.	Road traffic acc:	1	—
35.	Other violent causes	3	3
36.	All other causes	7	9

**Prescribed particulars on the administration of the
Factories Act, 1937. Part I of the Act.**

1.—INSPECTIONS for purposes of provisions as to health
(Including Inspections made by Sanitary Inspectors)

PREMISES (1)	M/C line No. (2)	Number on Register (3)	Number of			M/C line No. (7)
			Inspections (4)	Written Notices (5)	Occupiers Prosecuted (6)	
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	1	30	18			1
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	2	33	16			2
(iii) Other Premises in which Section 7 is enforced by the Local Authority † (excluding out-workers' premises)	3					3
TOTAL		63	34			

2.—Cases in which DEFECTS were found

PARTICULARS (1)	M/C line No. (2)	No. of cases in which defects were found				Number of cases in which Prosecutions were instituted (7)	M/C line No. (8)
		Found (3)	Remedied (4)	Referred to H.M. Inspector (5)	Referred to H.M. Inspector (6)		
Want of cleanliness (S 1)	4	2	2				4
Overcrowding (S 2)	5						5
Unreasonable temperature (S 3)	6						6
Inadequate ventilation (S 4)	7						7
Ineffective drainage of floors (S 6)	8						8
Sanitary Conveniences { insufficient unsuitable or defective not separate for sexes (S 7)	9 10 11	2	2				9 10 11
Other offences against the Act (not including offences relating to Outwork)	12						12
TOTAL	60	4	4				60

† i.e. Electrical Stations [Section 103 (1)]. Institutions (Sections 104) and sites of Building Operations and Works of Engineering Construction (Sections 107 and 108).

TUTBURY RURAL DISTRICT COUNCIL

Summary of work done in the Sanitary Inspector's Department during the Year 1948,
in the Rural District of Tutbury.

	Inspec- tions	Defects found	Informal Notices by Inspector	Formal Notices by Authority	Nuisances abated after Notices by Inspector	Nuisances abated by Authority
Defective Floors	8	8	8	—	4	—
Dampness	22	22	21	—	14	—
Verminous Premises	1	1	1	—	1	—
Foul Conditions	22	22	21	—	5	—
Animals kept as a Nuisance	2	2	2	—	2	—
Structural Defects	53	53	45	—	16	—
Defective Sinks	21	21	17	—	5	—
Defective and choked drains	36	36	20	—	35	—
Water Supply	48	48	28	—	42	—
Privies converted to W.Cs.	232	232	85	—	104	—
Ashpits and Privies	38	38	17	7	26	7
Dairies, Cowsheds, and Milkshops	36	14	9	—	14	—
Bakehouses	9	—	—	—	—	—
	528	497	274	7	268	7

Precautions against Infectious Diseases

Schools disinfected	1
Houses disinfected after Infectious Disease and Deaths, etc.	27
Samples of Water taken and found to be unfit	12
Samples of Water taken and found to be fit	4

A. S. BROAD, Sanitary Inspector

A. E. JONES & SON, Printers.
